

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/09543

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/21 G06F17/22 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X  A	<p>HERRON T L: "Teaching with the Internet" INTERNET AND HIGHER EDUCATION, US, JAI PRESS, STAMFORD, CT, vol. 1, no. 3, 1998, pages 217-222, XP002118719 ISSN: 1096-7516</p> <p>page 218, line 28 -page 219, line 27 ----- -/--</p>	<p>1-3, 9, 19, 23-25, 33, 34, 82-84, 86-88 10, 12, 15, 89, 90, 92, 93</p>

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"S" document member of the same patent family

Date of the actual completion of the international search

17 October 2000

Date of mailing of the international search report

24/10/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Polzer, A

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/09543

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 799 157 A (ESCALLON ANDRES) 25 August 1998 (1998-08-25)	1, 2, 4-8, 19-23, 52-55, 78-80
Y		24, 26, 28, 30, 31, 33-35, 57, 64, 69-72
A	abstract column 2, line 48 -column 5, line 22; figures 1-3 ---	81, 82, 90
X	WO 98 18086 A (FAMILY SYSTEMS LIMITED) 30 April 1998 (1998-04-30)	1, 4-8, 19-23, 34 35-38, 40-46, 50, 51
Y	abstract page 5, line 9 -page 7, line 20; figures 1, 2 page 10, line 16 -page 12, line 23; figure 3 page 17, line 5 -page 18, line 24; figure 7 page 21, line 22 -page 24, line 4; figure 8 page 25, line 16 -page 26, line 12; figure 9 ---	
Y	AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J., vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 ---	24, 30, 31, 33, 34
A	abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14 ---	48
	--- -/--	

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/09543

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GOLDBERG M W ET AL: "World Wide Web - Course tool: An environment for building WWW-based courses" COMPUTER NETWORKS AND ISDN SYSTEMS, NL, NORTH HOLLAND PUBLISHING. AMSTERDAM, vol. 28, no. 11, 1 May 1996 (1996-05-01), pages 1219-1231, XP004018222 ISSN: 0169-7552	26, 28
A	abstract page 1227, right-hand column, line 11 -page 1229, left-hand column, line 10 ---	25, 30, 90, 92, 93
Y	WO 98 08344 A (SACHS JAMES ;VIRTUAL PRESS (US); POMEROY THOMAS W (US)) 26 February 1998 (1998-02-26) abstract page 6, line 20 -page 7, line 25; figure 1 page 13, line 12 - line 33; figures 2B, 4A page 16, line 29 -page 17, line 12; figure 5A page 24, line 1 - line 22; figure 6E ---	35-38, 40-46, 50, 51
Y	"An Interactive Lesson in the Interactive Course Series" WAITE GROUP PRESS, MACMILLAN COMPUTER PUBLISHING, 'Online! 1996, XP000829591 Retrieved from the Internet: <URL:http://www.waite.com/> 'retrieved on 1996!	57
A	the whole document ---	9, 24, 30, 31, 33, 34, 47, 48, 58, 69, 82, 90
Y	WO 98 02836 A (ILIFF EDWIN C) 22 January 1998 (1998-01-22) abstract; figure 2 page 25, line 17 -page 26, line 2; figures 9, 10 ---	64
Y	EP 0 838 798 A (NAT EDUCATION CORP) 29 April 1998 (1998-04-29) abstract page 3, line 28 -page 4, line 2; figures 2, 3 page 4, line 58 -page 5, line 9; figure 4 ---	69, 70
	--- -/--	

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/09543

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
Y	GOORFIN L: "ELECTRONIC DICTIONARY PRONOUNCES OVER 83,000 WORDS" SPEECH TECHNOLOGY, MAN-MACHINE VOICE COMMUNICATIONS,US,MEDIA DIMENSIONS INC. NEW YORK, vol. 4, no. 4, 1 April 1989 (1989-04-01), pages 78-79, XP000033505 ISSN: 0744-1355	71,72
A	the whole document	48,49
A	HARTLEY S ET AL: "ENHANCING TEACHING USING THE INTERNET" SIGCSE/SIGCUE CONFERENCE ON INTEGRATING TECHNOLOGY INTO COMPUTER SCIENCE EDUCATION,US,NEW YORK, ACM, vol. CONF. 1, 2 June 1996 (1996-06-02), pages 218-228, XP000643061 ISBN: 0-89791-844-4 page 224, left-hand column, line 1 -page 226, right-hand column, line 3	9,24,30, 31,47, 48,69, 82,90

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/09543

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5799157	A	25-08-1998	AU 4514196 A WO 9618952 A	03-07-1996 20-06-1996
WO 9818086	A	30-04-1998	US 6052717 A AU 4711497 A BR 9712428 A EP 0932872 A	18-04-2000 15-05-1998 25-01-2000 04-08-1999
WO 9808344	A	26-02-1998	US 5956034 A AU 722603 B AU 4148197 A BR 9713174 A CN 1236450 A EP 1034467 A JP 2000507728 T	21-09-1999 10-08-2000 06-03-1998 06-06-2000 24-11-1999 13-09-2000 20-06-2000
WO 9802836	A	22-01-1998	AU 3797397 A AU 4040397 A BR 9712091 A BR 9712092 A CA 2260836 A CN 1246942 A CN 1230266 A EP 0912955 A EP 0912957 A WO 9802837 A US 6022315 A US 5935060 A	09-02-1998 09-02-1998 05-10-1999 31-08-1999 22-01-1998 08-03-2000 29-09-1999 06-05-1999 06-05-1999 22-01-1998 08-02-2000 10-08-1999
EP 0838798	A	29-04-1998	US 6039575 A AU 4284097 A JP 10207335 A SG 70038 A	21-03-2000 30-04-1998 07-08-1998 25-01-2000